BACON ACADEMY
2022-2023 PROGRAM OF STUDIES

Changes and Deletions

CHANGES IN COURSES:

(0453) 🔓 MARINE SCIENCE
Level: 2
Credit: 0.5 (College credits earned through UCONN-ECE) no longer TRCC
Offering: Fall, Spring to grades 10-12
Prerequisite: Successful completion of Energy Explorations and Biology, or concurrent enrollment in Biology is required. A teacher recommendation may be substituted for a student not meeting prerequisites.
Marine Science is an elective course that will build on topics learned in Energy Explorations and Biology as they relate to our planet's oceans. The class is designed for any student interested in pursuing marine science in the future or just gaining information about the marine environment. Marine Science will study the organisms and processes contained within its vast boundaries. Concepts featured in the course will include the history of marine biology, ocean exploration, physical and chemical features of oceans, marine ecosystems, taxonomy as well as marine flora and fauna. Students will use a variety of scientific methods to read, analyze, and evaluate information from a variety of sources including laboratory experiments, research and presentations.

Removal of college credit, as designated by the institution:
STEM Physics, Physics Level 3, Introduction to Geography Level 3, AP United States History, AP US Government, Advanced Math, PreCalculus, Drawing 1, Advanced Drawing, 3D Design and Stained Glass, Painting, Advanced Painting, French 4, Personal Finance, Marketing and Entrepreneurship,

(0237) CONTEMPORARY ISSUES
Level: 3 (Earned honors option added to L2 course)
Credit:1.0
Offering: Annually to grades 10-12
Prerequisite: None
This course is designed to prepare students for full participation as citizens. After taking this class, students will understand and demonstrate a positive role in the community. Issues relevant to today's world such as voter registration, political systems, economics, finances and social problems will be discussed. Guest speakers, films, discussions and writing will be highlighted.
This course includes the same curriculum as 0238, with the earned honors option for students who desire a more rigorous course. Students can choose to earn honors credit for the course by completing enrichment tasks with defined point values and expectations while demonstrating greater depth of understanding throughout the year. Students can choose a combination of options that fit their strengths, interests, and schedules.

(0235) ASIAN STUDIES
Level: 3 (Earned honors option added to L2 course)
Credit: 1.0
Offering: Annually to grades 10-12 (priority is given to grade 10 students)
Prerequisite: None
Asia is not only home to some of the world's most ancient cultures, civilizations and religions, but several Asian countries have established themselves as economic and political superpowers. Students in this course will demonstrate an understanding of Asian cultures through the study of the region's geography, history, religion and politics. The course will focus on South and East Asia with in-depth studies of India, China and Japan.
This course includes the same curriculum as 0229, with the earned honors option for students who desire a more rigorous course. Students can choose to earn honors credit for the course by completing enrichment tasks with defined point values and expectations while demonstrating greater depth of understanding throughout the year. Students can choose a combination of options that fit their strengths, interests, and schedules.

(0611) ~~MONEY AND BUSINESS~~ (0610)Introduction to Business (Staff recommendation to revert to former name of course)
Level: 2
Credit: 0.5
Offering: Fall, Spring to Grade 9-12
Prerequisite: None
Focused on experiential learning, this introductory class offers students opportunities to learn about the various areas within business. Business is not just selling or the stock market. This class will give you the opportunity to learn about our other business course offerings for you to further your knowledge.

(0724) COMPUTER INFORMATION TECHNOLOGY
Level: 2
Credit: 1.0
Offering: Annually to grades 9-12
Prerequisites: None
Computer Information Technology is a course designed to teach you about computer repair, troubleshooting, network and operating systems. This course has two components. The first is an This course is an interactive and hands-on curriculum that introduces students to the basics of computer troubleshooting and repair. Students will learn about different computer hardware components, their roles and responsibilities, as well as computer networking systems. In this course students will work to solve various computer problems and will learn the skills necessary for entry level IT jobs. The second is an online certification course taken in class. The course provided by Testout.com is designed to provide either A+ certification or Network Pro certification for advanced students. Students will work their way through an online curriculum that will end in an exam for certification. If they receive an 85 or better on the exam the certification will be issued through Testout.com.
Removed the second certification option, due to budgetary implications with the tentative nature of course enrollment.

(0190) SENIOR CAPSTONE PROJECT
Level: Un-weighted (Pass/Fail Grade)
Credit: 1.0 The course will be offered for one full credit (instead of 0.5 credits) to meet graduation requirements.
Offering: Fall, Spring to grade 12
Prerequisite: none
The purpose of the Bacon Academy Capstone is to showcase the 21st century learning expectations that will be required of a productive citizen. This project is a self-driven, authentic experience empowering students to apply the skills acquired over the course of their education and to demonstrate an understanding of learning, community, and self. The Capstone program provides students with the opportunity to apply and broaden their knowledge and skills in an area of personal interest. The project will culminate in a "Senior Capstone Night" which welcomes parents and community members to come and see students' final projects. Students will be graded in pass/fail manner. In order to pass this course, students must demonstrate the ability to meet all of the Bacon 10 Standards, and shadow an expert in their field of interest.

NEW COURSES:

(0939) SENIOR HEALTH AND WELLNESS
Level 2
Credit: 0.5
Offering: Fall, Spring grade 12
Prerequisite: (0950) Personal Health and Wellness
This course will expand upon and refresh topics from the Grade 9 Health and Wellness course, with the goal of developing lifelong positive behaviors and wellness choices. Units in this course are centered on the following topics: alcohol, nicotine, and other drugs (ANOD), healthy relationships and violence prevention, healthy eating and physical activity, sexual health, optimal wellness and disease prevention, sexual assault and abuse prevention, mental and emotional health, safety and injury prevention, and community health. Through the study of these concepts, students will comprehend the principles related to health promotion and disease prevention, and demonstrate their ability to use this knowledge in a healthful manner now and in the future.
Curricular exemption: Instruction in HIV/AIDS, family life education, and sexual abuse prevention is offered in Personal Health and Wellness classes in grade 9. AIDS instruction also includes instruction about the prevention of sexually transmitted diseases and is taught as part of the health course required for graduation. Health teachers continuously stress abstinence in their instruction including topics such as contraception and the use of contraceptives. Under 10-19c of the Connecticut statutes and Colchester Board of Education policy, parents can make a written request to exempt their students from the AIDS portion of the course. The written request should be sent to the school principal.

DELETED FROM THE PROGRAM OF STUDIES:

(removed due to credit requirement changes beginning with class of 2023)
The following is a list of the credit breakdown and distribution for graduating class of 2022:

English	4 credits
Social Studies and	3.5 credits (including 1 credit in U. S. History .5 credits in Civics)
Math	4 credits and 4 years
Science	3 credits
PE	1.5 credits
Personal Health & Wellness	0.5 credit
Electives	8.5 credits[1]

[1]One credit of the electives must be vocational (Technology Education, Family and Consumer Sciences or Business Technology) or the arts (Visual Literacy and/or Music)

Additions:

Due to credit requirement changes

BACON ACADEMY DIPLOMA REQUIREMENTS

Credits
Twenty–five credits are required to earn a Bacon Academy diploma. The following is a list of the credit breakdown and distribution of credits beginning with the class of 2023 and later:

9 credits in Humanities:

English	4 credits
Social Studies	3.5 credits (including .5 credits in Civics)
Fine Arts	1.0 credit
Humanities elective	0.5 credit

9 credits in science, technology, engineering and mathematics:

Math	4 credits
Science	3 credits
Elective credits in science, math, or technology education (STEM)	2 credits
Physical Education	1.0 credit
Health and Wellbeing	1.0 credit (0.5 credits in Grade 9 and 0.5 credits in Grade 12)
World Language (course proficiency level of Novice Mid-High)	1.0 credit

Capstone	1.0 credit
Additional electives	3.0 credits

Courses that qualify as STEM Electives:

0714 - Video Production 1
0736 - Video Productions 2
0718 - Pre-Engineering
0724 - Computer Information Technology
0725 - Technical Repair
0753 - Manufacturing 1
0726 - Manufacturing 2
0729 - Automotive Technology
0731 - Yearbook Production
0754 - Woods 1
0755 - Woods 2
0757 - Manufacturing Design & Production
0774 - Architectural Engineering
0775 - Engineering 1
0776 - Engineering 2
0739 - Advanced Graphics
0777 - Graphics I
0778 - Digital Photography
0352 - Computer Programming 1A
0356 - Computer Programming 1B
0362 - Computer Programming 2
0364 - Computer Programming 4
0357 - AP Computer Science
0466 - AP Environmental Science
0468 - Environmental Science
0446 - Forensics
0454/0456 - Human Anatomy/Physiology
0458 - Marine Science
0459 - STEM Physics
0455 - Science & Alternative Energy Technology
Any math or science classes taken beyond the required credits (4 math, 3 science) can be counted toward the 2 required elective STEM credits.

Courses that qualify as Humanities Electives:

0149 - Creative Writing
0150 - Public Speaking
0157 - Reading Skills
0188 - Images of Women
0168 - Science Fiction
0193 - Authors & Activism
0259 - Economics
0242 - Psychology
0244 - Sociology

0246 - Anthropology
0234 African American / Black & Puerto Rican Latino Studies
Any social studies classes taken beyond the required credits (3.5 including Civics) can be counted toward the .5 required elective Humanities credit.
Any world language classes taken beyond the required 1.0 credit can be counted toward the .5 required elective Humanities credit.

Courses that qualify as Fine Arts:
0888 - Art Portfolio
0896 - Ceramics
0897 - Advanced Ceramics
0882 - Drawing 1
0886 - Advanced Drawing
0891 - 3-D Design & Stained Glass
0889 - Illustration
0884 - Painting 1
0885 - Advanced Painting
0898 - Sketchbook Fundamentals
0899 - AP Studio Art
0831 - Unified Art
0872 - Music Fundamentals
0858 - AP Music Theory
0867 - Chamber/Jazz Choir
0852/0866 - Wind Ensemble
0862 - Women's Choir
0860 - Concert Choir
0857 - Jazz Band
0854 - Concert Band Percussion
0851 - Symphonic Band
0874 - Music Technology

ADDITIONAL VERBIAGE ADDED TO THE PROGRAM OF STUDIES

All courses in the World Language Department focus on the following Bacon 10 statements: Students effectively communicate (by verbal, non-verbal, written and/or visual means) independently and collaboratively according to their audience and purpose. Students recognize and examine perspectives of global themes. Students will be assessed on standards within 3 modes of communication as appropriate for their level of proficiency: Interpretive skills (Literal Comprehension, Interpretive Comprehension, Interculturality), Interpersonal skills (Engagement, Communicative Strategies, Comprehension & Collaboration), and Presentational skills (Production, Distribution, Mechanics). These skills will be assessed in Integrated Performance Assessments for each unit of instruction. The remainder of a student's grade will be determined by their Bacon10 project submissions and their scores on the department's class interactions rubric which outlines expectations for coursework completed in and outside of the classroom. Formative practice is essential for skill development and for success on unit assessments. One component of their class interactions score is the required creation and maintenance

of a portfolio that contains the student's evidence of learning, as well as goals and opportunities for reflection, throughout the course. Our department believes that self-reflection is a crucial part of the learning process and for success beyond high school.